

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Huang *et al.*

SERIAL NO.: 10/020,671

FILED: December 12, 2001

FOR: **LIPOSOME COMPOSITION FOR  
DELIVERY OF NUCLEIC ACID**

EXAMINER: Kishore, G.

ART UNIT: 1615

CONFIRMATION NO: 3413

**Communication**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

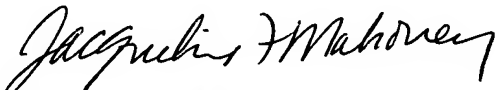
1. On February 24, 2003, Applicants filed an Information Disclosure Statement, Form PTO-1449, and four references in the above-referenced application (copy enclosed herewith).
2. On February 24, 2003, the Information Disclosure Statement and accompanying papers were received by the U. S. Patent and Trademark Office (USPTO) as evidenced by the stamped receipt postcard (copy enclosed herewith).
3. Applicants have not yet received a copy of the Form PTO-1449 initialed by the Examiner indicating the references were considered.



4. Applicants respectfully request the Examiner initial the copy provided herewith of the previously submitted Form PTO-1449 and return a copy to Applicants' representative by facsimile at (650) 838-4350.

If in the Examiner has any questions regarding the above points, the Examiner is encouraged to call the undersigned at (650) 838-4410.

Respectfully submitted,



Jacqueline F. Mahoney  
Registration No. 48,390


Date: Oct. 1, 2004

**Correspondence Address:**

Customer No. 22918

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Attorney Docket No.: 55325-8166.US01	Date Mailed: February 24, 2003	Express Mail Label No.: EV 057396408 US
Applicant: Huang, <i>et al.</i>		
Serial/Patent No.: 10/020,671		Filing/Issue Date: December 12, 2001
<p>Papers Enclosed</p> <p><input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> Form PTO-1449 <input checked="" type="checkbox"/> <u>4</u> References</p>		<p>Received by the U.S. Patent and Trademark Office.</p> 



**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)  
(Use several sheets if necessary)

**COMPLETE IF KNOWN**

<p align="center"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p align="center">Form PTO-1449 (Modified) (Use several sheets if necessary)</p>				Application Number	10/020,671
				Confirmation Number	3413
				Filing Date	December 12, 2001
				First Named Inventor	Huang, <i>et al.</i>
				Group Art Unit	1656
				Examiner Name	Unassigned
Sheet	1	of	2	Attorney Docket No.	55325.8166.US01

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear
		NUMBER	Kind Code			
	1	4,179,337		Davis, <i>et al.</i>	12/18/79	
	2	4,766,106		Katre, <i>et al.</i>	8/23/88	
	3	4,902,502		Nitecki, <i>et al.</i>	02/20/90	
	4	4,917,888		Katre, <i>et al.</i>	04/17/90	
	5	4,935,465		Garman	06/19/90	
	6	5,013,556		Woodle, <i>et al.</i>	05/07/91	
	7	5,103,556		Filip, <i>et al.</i>	04/14/92	
	8	5,395,619		Zalipsky, <i>et al.</i>	03/07/95	
	9	5,631,018		Zalipsky, <i>et al.</i> ,	05/20/97	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
	10	EP	0 317 957	A2	Senter	5/31/89		
	11	WO	97/07784	A2	Lopez-Berestein & Tari	03/06/97		
	12	WO	98/16201		Zalipsky, <i>et al.</i>	04/23/98		

**OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	13	Allen, T.M., <i>et al.</i> , <i>Biochemica et Biophysica Acta</i> p. 99-108, (1995).	
	14	Brois, S.J., <i>et al.</i> , <i>J. Amer. Chem. Soc.</i> <u>92</u> (26):7629-7631, (1970).	
	15	Conner, <i>et al.</i> , <i>Proc Natl. Acad Sci USA</i> , p. 1715, (1984).	
	16	Chu and Szoka, <i>J. Liposome Res</i> 4(1):361, (1994).	
	17	Dittmer, J.C., <i>et al.</i> , <i>J. Lipid Res.</i> p. 126-127, (1964).	
	18	Grice, R., <i>et al.</i> , <i>J. Chem. Soc.</i> p. 1947-1954, (1963)	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number	10/020,671
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				Filing Date	December 12, 2001
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				Group Art Unit	1656
Examiner Name	Unassigned				
Sheet	2	of	2	Attorney Docket No.	55325.8166.US01

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	19	Kaneko, T., <i>et al.</i> , <i>Bioconjugate Chem.</i> <u>2</u> (3):133-141, (1991).	
	20	Kirpotin, D., <i>et al.</i> , <i>FEBS Letters</i> <u>388</u> :115-118, (1996).	
	21	Lasic, D., and Martin, F., STEALTH LIPOSOMES, Chapter 9, pp. 93-102, CRC Press, Boca Raton, Fl., (1995).	
	22	Lash, L.H., <i>et al.</i> , <i>Arch. Biochem. Biophys.</i> <u>240</u> (2):583-592, (1985).	
	23	Martin, F.J., <i>Specialized Drug Del Systems-Manuf &amp; Prod Tech</i> p. 267-316, (1990).	
	24	Müeller, C.E., <i>et al.</i> , <i>Arch Pyharm</i> <u>322</u> (6):343-350, (1989).	
	25	Szoka, <i>et al.</i> , <i>Ann Rev Biophys Bioeng</i> , p. 467, (1980).	
	26	Senter, P.D., <i>et al.</i> , <i>J Org Chem</i> <u>55</u> (9):2975-2978, (1990).	
	27	Veronese, <i>et al.</i> , <i>Applied Biochem and Biotech</i> , p. 141-152, (1985).	
	28	Zalipsky, <i>et al.</i> , <i>Biotechnol Appl Biochem</i> , p. 100-114, (1992).	
	29	Zalipsky, <i>et al.</i> , <i>Eur Polymer J</i> <u>19</u> (12):1177-1183, (1983).	
	30	Zalipsky, <i>et al.</i> , <i>Bioconj Chem</i> <u>4</u> (4):296-299, (1993).	
	31	Zalipsky, <i>et al.</i> , <i>FEBS Lett</i> <u>353</u> :71-74, (1994).	
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	33	Zalipsky, <i>Bioconj Chem</i> <u>10</u> (5):703-707, (1999).	
	34	Xu & Szoka, <i>Biochemistry</i> , p. 5616-5623, (1996).	

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